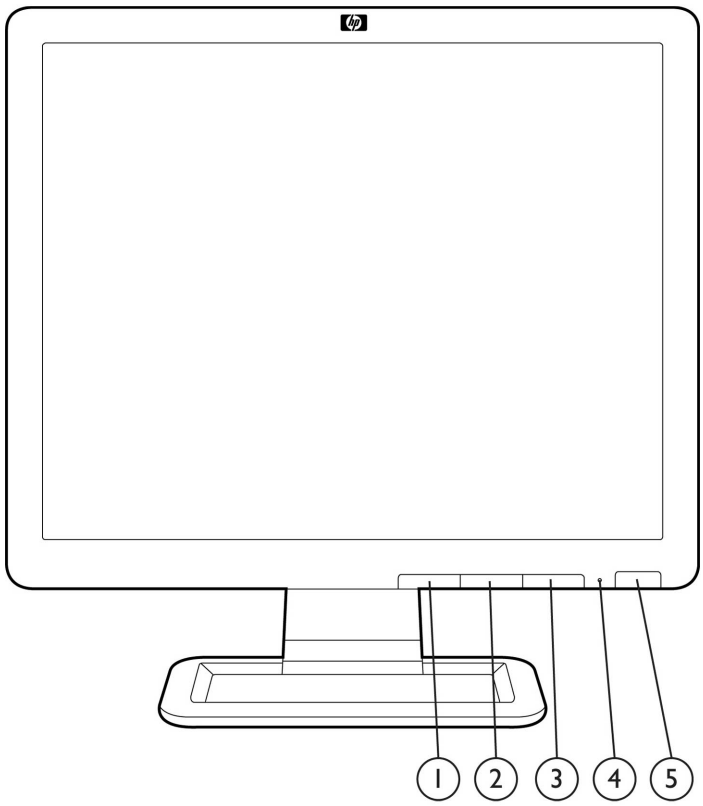
Overview



1. Menu/Select
2. "-" OSD Navigation/Decrease Adjust/Auto Adjust
3. "+" OSD Navigation/Increase Adjust
4. Power LED
5. Power

Models

Product number: EM886AA

Technical Specifications

Panel	Type	17-inch Active Matrix TFT (thin film transistor)
	Viewable Image Area (diagonal)	17 in (43.2 cm)
	Screen Opening (W x H)	13.3 x 10.6 in (33.9 x 27.1 cm)
	Panel Type	TN
	Aspect Ratio	5:4
	Viewing Angle (typical)*	160 degrees horizontal/160 degrees vertical (10:1 minimum contrast ratio)
	Brightness (typical)*	250 nits (cd/m^2)
	Contrast Ratio (typical)*	1000:1
	Response Rate (typical)*	5 ms (rise + fall)
	Pixel Pitch	0.264 mm
	Backlight Lamp Life (to half brightness)	50K hours
	Color Gamut	72%
	* All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.	
On Screen Display (OSD) Controls	Buttons or Switches	3-button OSD (menu, minus, plus); power on/off
	Languages	English, French, German, Spanish, Italian, Dutch, Simplified Chinese (Portuguese and Japanese on regional models)
	User Controls	Image Control (auto, horizontal, vertical, sharpness), Color Temperature (6500k, 9300k, Custom, sRGB), Brightness, Contrast, Clock, Clock Phase, Monitor Management (power saver, sleep, power on recall, power on status, DDC/CI support, bezel power LED), Factory Reset
Signal Interface/ Performance	Horizontal Frequency	24 to 83 kHz
	Vertical Frequency	50 to 76 Hz
	Native Resolution	1280 x 1024 @ 60 Hz (recommended) (SXGA)
	Maximum Resolution	1280 x 1024 @ 60 Hz (recommended) (SXGA)
	Preset VESA Modes (non-interlaced)	1280 x 1024 @ 60 Hz 1280 x 960 @ 60 Hz 1280 x 800 @ 60 Hz 1280 x 720 @ 60 Hz 1024 x 768 @ 60 Hz 800 x 600 @ 60 Hz 720 x 400 @ 70 Hz 640 x 480 @ 60 Hz
	Max Pixel Clock Speed	140 MHz
	User Programmable Modes	Yes, 8
	Anti-Glare	Yes
	Anti-Static	Yes

Technical Specifications

	Default Color Temperature	6500 degrees Kelvin	
Video Input	Plug and Play	Yes	
	Input Signal	15 pin D-sub (Analog VGA)	
	Input Impedance	75 ohms (2 % value change allowed)	
	Sync Input	TTL separate synch	
	Video Cable	Detachable 15-pin D-sub mini connector	
	Video Cable Length	70.8 in (1.8 m)	
Power	Input Voltage	100 - 240 VAC	
	Nominal Current	< 0.50 Ampere	
	Frequency	50/60 Hz	
	Maximum	25.5 watts	
	Typical	23 watts	
	Power Saving	< 2 watts	
	Power Cable Length	74.8 in (1.9 m); detachable	
Mechanical	Dimensions (H x W x D)	Unpacked w/ stand	15.2 x 14.8 x 8.1 in (38.6 x 37.7 x 20.6cm)
		Display Head only	12.4 x 14.8 x 2.4 in (31.6 x 37.7 x 5.7 cm)
		Packaged	4.8 x17.6x 18.6 in (12.1 x 44.8 x 47.2 cm)
	Weight	Head only	7.5 lb (3.4 kg)
		Unpacked	8.6 lb (3.9 kg)
		Packaged	11.2 lb (5.1 kg)
	Tilt Range	-5 to +25 degrees vertical tilt	
	Swivel Range	None	
	Height Adjustable	No	
	Pivot Rotation	No	
	Base and Stand	Detachable	
Environmental	Temperature – Operating	41° to 95° F (5° to 35° C) non-condensing	
	Temperature– Non-operating	-4° to 140° F (-20° to 60° C)	
	Humidity – Operating	20% to 80%, non-condensing	
	Humidity – Non-operating	5% to 90%	
	Altitude – Operating	0 to 16,404 ft (0 to 5,000 m)	
	Altitude – Non-operating	0 to 40,000 ft (0 to 12,192 m)	
Environmental Data	Eco-Label Certifications and Declarations	This product has received or is in the process of being certified to the following approvals and may be labeled with one or more of these marks: • ENERGY STAR® • IT ECO declaration • TCO 5.0 • EPEAT™ Silver	

Energy Consumption (in accordance with ENERGY STAR® test method)	115VAC, 60Hz	230VAC, 50Hz	100VAC, 60Hz
Normal Operation	17.4W	17.6W	17.4W
Sleep	0.49W	0.64W	0.47W
Off	0.36W	0.52W	0.36W

Additional Information

This product is in compliance with the Restrictions of Hazardous Substances (RoHS) Directive, 2002/95/EC.

This HP product is designed to comply with the Waste Electrical and Electronic Equipment (WEEE) Directive, 2002/96/EC.

This product is in compliance with California Proposition 65 (State of California; Safe Drinking Water and Toxic Enforcement Act of 1986).

This product is in compliance with the IEEE 1680 (EPEAT®) standard at the Silver level, see www.epeat.net.

Plastics parts weighing over 25 grams used in the product are marked per ISO 11469 and ISO1043.

This product contains 0% recycled materials (by wt.)

This product is 96.2% recyclable when properly disposed of at end of life.

Packaging Materials
External:

- Paper / Cardboard – 774 g
- Polyethylene low density – 25 g

Internal:

- EPS (Expanded Polystyrene) – 219 g

RoHS Compliance

Hewlett-Packard is committed to compliance with all applicable environmental laws and regulations, including the European Union Restriction of Hazardous Substances (RoHS) Directive. HP's goal is to exceed compliance obligations by meeting the requirements of the RoHS Directive on a worldwide basis. By July 1, 2006, RoHS substances will be virtually eliminated (virtually = to levels below legal limits) for all HP electronic products subject to the RoHS Directive, except where it is widely recognized that there is no technically feasible alternative (as indicated by an exemption under the EU RoHS Directive).

Material Usage

This product does not contain any of the following substances in excess of regulatory limits (refer to the HP General Specification for the Environment at: www.hp.com/hpinfo/globalcitizenship/environment/supplychain/gen_specifications.html

- Asbestos
- Certain Azo Colorants

- Certain Brominated Flame Retardants - may not be used as flame retardants in plastics
- Cadmium
- Chlorinated Hydrocarbons
- Chlorinated Paraffins
- Formaldehyde
- Halogenated Diphenyl Methanes
- Lead carbonates and sulfates
- Lead and Lead compounds
- Mercuric Oxide Batteries
- Nickel - finishes must not be used on the external surface designed to be frequently handled or carried by the user.
- Ozone Depleting Substances
- Polybrominated Biphenyls (PBBs)
- Polybrominated Biphenyl Ethers (PBBEs)
- Polybrominated Biphenyl Oxides (PBBOs)
- Polychlorinated Biphenyl (PCB)
- Polychlorinated Terphenyls (PCT)
- Polyvinyl Chloride (PVC) – except for wires and cables, and certain retail packaging has been voluntarily removed from most applications.
- Radioactive Substances
- Tributyl Tin (TBT), Triphenyl Tin (TPT), Tributyl Tin Oxide (TBTO)

Packaging

HP follows these guidelines to decrease the environmental impact of product packaging:

- Eliminate the use of heavy metals such as lead, chromium, mercury and cadmium in packaging materials.
- Eliminate the use of ozone-depleting substances (ODS) in packaging materials.
- Design packaging materials for ease of disassembly.
- Maximize the use of post-consumer recycled content materials in packaging materials.
- Use readily recyclable packaging materials such as paper and corrugated materials.
- Reduce size and weight of packages to improve transportation fuel efficiency.
- Plastic packaging materials are marked according to ISO 11469 and DIN 6120 standards.

End-of-life Management and Recycling

Hewlett-Packard offers end-of-life HP product return and recycling programs in many geographic areas. To recycle your product, please go to: www.hp.com/recycle or contact your nearest HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible manner.

The EU WEEE directive (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the Hewlett Packard web site at: http://www.hp.com/go/recyclers. These instructions may be used by recyclers and other WEEE treatment facilities as well as HP OEM customers who integrate and re-sell HP equipment.

Hewlett-Packard

For more information about HP's commitment to the environment:

	Corporate Environmental Information	Global Citizenship Report www.hp.com/hpinfo/globalcitizenship/gcreport/index.html Eco-label certifications www.hp.com/hpinfo/globalcitizenship/environmentproductdesign/ecolabels.html ISO 14001 certificates: www.hp.com/hpinfo/globalcitizenship/environment/operations/envmanagement.html
Options	HP LCD Speaker Bar — Part number NQ576AT	The HP LCD Speaker Bar lets you add stereo audio output to your HP flat panel monitor without taking up any additional desk space. The Speaker bar is conveniently powered through a USB port so there are no power cords or AC adapters to be concerned about. It attaches easily to the bottom of the monitor to bring audio support features such as high-quality speakers and an external headphone jack right to the desktop. Sold separately. For more information, refer to the product's QuickSpec.
	HP LCD Monitor Quick Release—Part number EM870AA*	An easy-to-use, VESA-compliant, LCD monitor mounting solution that allows you to quickly and securely attach an LCD monitor to a variety of stands, brackets, arms or wall mounts. For more information, refer to this product's QuickSpecs document.
	HP Integrated Work Center Stand—Part number LH526AA	Allows mounting of a 17 - 24 inch (43.18- to 60.96 cm) diagonal HP LCD monitor and an HP Compaq 8000 series Ultra-slim Desktop PC as well as select HP Thin Clients on a single stand for the convenience of an "all-in-one" form factor. For more information, refer to this product's QuickSpecs document.
	HP Integrated Work Center for Small Form Factor—Part number QK549AT	Allows mounting of a 17- to 24-inch (43.18 to 60.96 cm) diagonal HP LCD monitor with an HP Compaq Small Form Factor Desktop PC. This compact system configuration saves you valuable desktop room to make the most of a space-constrained office environment.
	HP Security Lock—Part number PC766A	Combines aircraft-grade steel and Kevlar fiber to securely lock down your monitor and help prevent theft.

* The HP Quick Release has been designed to support a maximum of up to 24 lbs (10.9 kg) for all devices mounted. Because mounting surfaces vary widely and the final mounting method and configuration may vary, mounting fasteners are not supplied (other than the VESA-compliant screws). HP recommends that you consult with a qualified engineering, architectural or construction professional to determine the appropriate type and quantity of mounting fasteners required for your application and to ensure that your mounting solution is properly installed to support applied loads.

Other	Accessories Included	Detachable VGA cable, detachable AC power cord, documentation kit, and user CD.
	Software	HP Display LiteSaver feature allows you to schedule Sleep mode at preset times to help protect the monitor against image retention, drastically lower power consumption and energy costs, and extend the lifespan of the monitor. HP Display Assistant is a software utility that allows monitor adjustment, theft deterrence, and color calibration using the Display Data Channel Command Interface (DDC/CI) protocol of the connected PC.
	User Guide Languages	English, Brazilian Portuguese, French, LA Spanish, Korean, Simplified Chinese, Traditional Chinese, Japanese, Danish, Dutch, Finnish, German, Italian, Norwegian, Swedish, Greek, Polish, Russian, Slovenian, Turkish
	Warranty Languages	Americas English, Canadian French

		LA	Spanish, Brazilian Portuguese
		EMEA	English, Danish, Dutch, Finnish, European French, German, Italian, Norwegian, Castilian Spanish, Swedish
		Asia/Pacific	English, Bahasa, S. Chinese, T. Chinese, Korean, Japanese, Chinese
	Color	Black/Silver	
	VESA Mounting Support	Yes (Standard 4 hole pattern, 100 mm)	
	Kensington Lock-ready	Yes	
Certification and Compliance	ISO 9241-307 pixel defect guidelines, CISPR, VCCI, CSA (Canada), ACA (Australia), TUV and GS Mark (German ergonomic), BSMI (Taiwan), CCC (China), MIC (South Korea), NOM (Mexico), Eastern European approvals, CE Marking, FCC approval, ENERGY STAR® qualified, TCO 5.0 Displays (emissions, ergonomics, environment), Microsoft® Windows® certified (Microsoft Windows 2000, Microsoft Windows XP, and Windows Vista®), GOST (Russia), SASO (Saudi Arabia), EPEAT® Silver		
Compatibility	Compatible with platforms using the VESA standard video modes. Recommended for use with HP products.		
Service and Warranty	Three years parts, labor, and on-site service. 24-hour, 90-day, toll-free technical support. Replacement options may include second business day on-site service, or next business day direct replacement, at HP's sole discretion*. With direct replacement, HP will ship a replacement display product directly to you. Using the prepaid shipping labels provided, return your failed display to HP in the same packaging as the replacement. Certain restrictions and exclusions apply. For details see your product warranty or contact HP Customer Support. * HP Care Pack Services extend service contracts beyond the standard warranties. Service starts from date of hardware purchase. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at: www.hp.com/go/lookuptool. Additional HP Care Pack Services information by product is available at: www.hp.com/hps/carepack. Service levels and response times for HP Care Packs may vary depending on your geographic location.		

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